

Amendment to the Specification:

Please amend the paragraph beginning at page 2, line 1, of the specification as follows:

In contrast to digital devices such as the above-mentioned color monitors and color printers, the color management using profiles has not been applied to general printing presses such as planographic offset printing presses. One of the reasons for this is that the printing plate making routine (or prepress routine) is carried out independently from the printing routine and, in most cases, the printing plates are still formed through an analog exposing process. Moreover, another problem is that, in general printing presses, there is a great difference in color reproducing characteristics depending on printing conditions (such as kinds of ink and printing paper). Therefore, in the conventional printing presses, a printed material is read with a color measurement console, etc. to measure actual print colors, and the amount of ink, damping water, etc. are adjusted on the printing ~~presseside~~ press side so as to set the print colors to predetermined values, thereby managing the print colors.

Please amend the paragraph beginning at page 4, line 15, of the specification as follows:

Accordingly, an object of the present invention is to carry out a color management by using profile data even in the case of a general printing ~~pressesuch~~ press, such as an offset printing press.

Please amend the paragraph beginning at page 8, line 10, of the specification as follows:

The details of the respective parts are as follows: The first plate cylinder 1 is shifted by a plate cylinder driving mechanism between a first printing position indicated by a solid line and an image recording position indicated by an alternate long and two short dashes line as shown in Fig. [[1]] 2, and in the same manner, the second plate cylinder 2 is also shifted by the plate cylinder driving mechanism (not shown) between a second printing position indicated by a solid

line and the image recording position indicated by the alternate long and two short dashes line as shown in Fig. [[1]] 2. In other words, the first and second plate cylinders 1, 2 are placed at the first or second printing position respectively when a printing process is executed, and also alternately placed at the image recording position successively to be subjected to a plate generating process for the printing plates on the respective plate cylinders, when a plate generating process for a printing plate is executed. Each of the first plate cylinder 1 and the second plate cylinder 2 has a circumferential surface capable of holding printing plates of two colors, and is provided with two pairs of pinching means for fixing the respective printing plates to positions opposing to each other with 180 degrees on the circumferential surface. One printing plate having two printing areas may be used in place of the two printing plates attached to each plate cylinder.

Please amend the paragraph beginning at page 12, line 17, of the specification as follows:

The ink supplying means 9 makes it possible to control the amount of supply of ink having each color along the axis line direction (the direction orthogonal to the printing direction) of the plate cylinder by adjusting the degree of the opening of the ink key 21. The ~~degreeed~~ degree of opening of the ink key 21 is calculated based upon the PPF data supplied by the CIP3-converter F.

Please amend the paragraph beginning at page 12, line 22, of the specification as follows:

Referring again to Fig. [[1]] 2, the paper feeding section 10 is designed to pick up sheets of printing papers sheet by sheet from a stack of unused printing papers and to pass each sheet of printing paper to the feeding cylinder 6. In this preferred embodiment, it is operated so as to supply a sheet of printing paper once every two rotations of the feeding cylinder. Moreover, the paper discharging section 11 receives sheets of printed paper from the paper discharging cylinder

Application No.: 09/828,984

7, and stacks these sheets of printed paper. The paper discharging section 11 will be described later in detail.

Please amend the paragraph beginning at page 13, line 5, of the specification as follows:

Next, an explanation will be given of the plate generating mechanism of the digital printing press 100. Upon executing the plate generating process, the printing ~~press~~shifts ~~press~~shifts the first and second plate cylinders 1, 2 alternately to the image recording positions. At the image recording positions, a friction roller (not shown) is driven to rotate while kept in contact with the plate cylinder.

Please amend the paragraph beginning at page 17, line 11, of the specification as follows:

The image pickup section 16 is constituted by an illuminating means 34 for illuminating a sheet of ~~printed~~ printed paper being transported, and an image pickup means 35 for picking up an image on the illuminated sheet of printed paper so as to obtain image data.

Please amend the Abstract of the Disclosure, at page 32 of the specification as follows:

A plate-recording and printing system is provided with a printing plate recording device for recording an image on a printing plate based upon binary image data formed in an image data processing device, a printing press for carrying out a printing operation by using the printing plate, an image pickup device for picking up an image of a printed object ~~that has been printed~~ and a profile forming device for forming profile data of the printing press from ~~the picked up~~ image data ~~thus picked up~~. ~~First, a~~ A printing operation is carried out under reference conditions by using predetermined ink and sheet of printing paper. An image of a color chart on the printed object is picked up by the image pickup ~~means~~. ~~The print~~ Print color of the color chart is determined in the Lab color system based upon ~~the~~ image data. ~~Profile data of the printing~~ Printing press profile data is generated as a function of ~~the~~ print color and ~~the~~ predetermined reference color of the color chart. This profile data is stored in association with kinds of ink and sheets of printing paper used in the printing press. Prior to forming binary image data ~~to be~~ used in the printing plate recording device, the image data processing device specifies printing conditions of the ink and sheets of printing paper ~~to be~~ used in the printing press placed on the following stage, and reads profile data related to these printing conditions. Then, it carries out a color conversion on the image data by using the profile.